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AC 469-2 INSTITUTE OF SOCIAL  
MEDICINE

10, PARKS ROAD,  
OXFORD

COUNTY COUNCIL OF EAST LoTHIAN

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HEALTH COMMITTEE

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# Annual Report

ON THE

## Medical Inspection of School Children

FOR THE

Year ending 31st July 1950

BY

ALEX. D. CAMPBELL, M.B., Ch.B., D.P.H.,

*Medical Officer of Health; Chief School*

*Medical Officer.*

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*To the Department of Health for Scotland, the Department of Education for Scotland, and the County Council of East Lothian.*

MY LORD, LADIES AND GENTLEMEN,

## SCHOOL MEDICAL INSPECTION

COUNTY OF EAST LoTHIAN.

I have the honour to submit my annual report on School Medical Inspection, for the year ending 31st July 1950.

The arrangement of the report conforms to the instructions of the Department of Health contained in the Memorandum on School Health Administration, issued on 3rd June 1938.

I have the honour to be,

MY LORD, LADIES AND GENTLEMEN,

Your obedient Servant,

ALEX. D. CAMPBELL,

*Medical Officer of Health,*

*and*

*Chief School Medical Officer.*

County Public Health Department,  
Haddington, September 1950.

## 1.—LIST OF STAFF.

- (1) (a) *Whole Time Chief School Medical Officer*—  
Alex. D. Campbell, M.B., Ch.B., D.P.H.
- Assistant School Medical Officers* — John  
Milne, M.B., Ch.B., D.P.H.; Margaret H.  
G. Anderson, M.B., Ch.B., D.P.H.
- Assistant Dental Officers* — Mrs Black,  
L.D.S., resigned 30/11/49; Miss Sharp,  
L.D.S.
- County Nursing Superintendent* — Miss  
Macrae.
- School Nurses* — Misses Crawford, Duncan,  
Eathorne, Grant, Hutchison, King.  
McLeod, Thomson. Wardrope and Mrs  
Marshall.
- Clerkesses*—Misses Dunbar, Bell, Dickson  
and Mrs Barrie.
- (b) *Part-Time*—Dr C. R. Duncan Leeds. M.B.,  
Ch.B., F.R.C.S.Ed., D.O.M.S.; Mr W. V.  
Anderson, M.D., F.R.C.S.Ed.; Dr A. B.  
Smith, M.D., F.R.C.S.Ed.

## 2.—GENERAL STATISTICS.

Population of the area	51,428
Number of Schools	39
(a) Primary—under Education Authority	38
(b) Secondary—Do.	4
Senior	4
Junior	4
(c) (i) Special Schools	1
(ii) Special Classes in ordinary schools	2
(d) In receipt of grant from Education Authority and under medical inspection	39
Number of children on the registers (i.e. for Whole area—not individual schools)	8061
Number of children in average attendance (i.e. for whole area, not individual schools)	7335

### 3.—ORGANISATION AND ADMINISTRATION.

#### (A) SYSTEM AND EXTENT OF MEDICAL INSPECTION AND TREATMENT.

The system of medical inspection consists of an annual inspection at each school in the County.

The extent of medical inspection is as follows:—

- Group (1) All entrant infants and new pupils enrolled since last medical examination.
- Group (2) All pupils born in 1942.
- Group (3) „ „ 1940.
- Group (4) „ „ 1938.
- Group (5) „ „ 1936.
- Group (6) All pupils due to leave school during the ensuing year.
- Group (7) Special pupil cases.

In addition to the Annual Medical Inspection I instituted, twenty-one years ago, a system of monthly cleanliness inspections of all school children in each school conducted by the school nurses. The results achieved by this simple routine procedure, have fully justified the work entailed.

#### (B) SYSTEM AND EXTENT OF DENTAL INSPECTION AND TREATMENT.

The Dental Officers visit the schools and examine all the children in attendance. The particulars of those requiring treatment are recorded and cards, indicating that the children require treatment, are sent out to the parents.

In the small rural schools, children of all ages are examined. In the large secondary schools situated in the Burghs, the School Dentist, after having inspected the pupils, invites them to have treatment when the dentist is in attendance. Notification of such visits is conveyed to the pupils by the Headteacher of the school.

The treatment is carried out in the school clinics, where provided in the larger areas, and in the schools, elsewhere. The treatment consists of fillings by amalgam or cement and scalings, where necessary, and where conservative treatment is not possible, then by extractions, by general or local anæsthesia.

### (C) SCHOOL NURSING AND ARRANGEMENTS FOR FOLLOWING UP.

East Lothian County Council employ 10 health visitors and the School Medical Services receive from these health visitors time as required for school nursing work. The school nursing work is apportioned in the following manner:—

#### Burghal Areas (with bicycles)—

Cockenzie, Dunbar, East Linton, Haddington, North Berwick, Prestonpans, and Tranent.

#### Landward Areas (with cars)—

1. East of Haddington.
2. West of Haddington.

### SUMMARY OF SCHOOL NURSES' WORK.

Visits to homes of school children ... ..	2019
Visits to schools ... ..	739
Hours spent in schools ... ..	2641

### SCHOOL NURSES' WORK AMONGST SCHOOL CHILDREN SUFFERING FROM TUBERCULOSIS.

The school nurse is also the tuberculosis nurse for her district. She is thus acquainted with all cases notified as suffering from tuberculosis, and can watch school children who have a family history of the disease. Delicate children are weighed periodically at school by the nurse, and a record of the weight is kept for the School Medical Officer.



## ARRANGEMENTS FOR " FOLLOWING UP."

After the routine inspection by the school medical officers, the nurse receives a list of defective children, and it is her duty to visit the home of each child on the list in order to indicate to the parents the nature of the defect and to persuade them to have the defect remedied. Accompanying the list of defectives sent to the nurse is a small card for each child, on which is detailed the defect, and the parents are advised on the card to consult their private doctor for those defects. In the month of February and again in June the nurse of the area re-visits the homes and enters on her list whether treatment has yet been carried out or not.

As mentioned under Medical Inspection, the nurses also conduct the monthly cleanliness inspections.

(D) CO-ORDINATION WITH PUBLIC HEALTH SERVICE  
AND WITH OTHER DEPARTMENTS OF THE LOCAL  
AUTHORITY WHICH RENDER SERVICES TO  
CHILDREN.

In the County of East Lothian, the School Medical Service is under the control of the Health Committee. The Medical Officer of Health, as Chief School Medical Officer, attends all meetings of the Education Committee and relative Finance and Schools Sub-Committees thereof.

(E) CO-OPERATION WITH VOLUNTARY BODIES AND  
OTHER OUTSIDE AGENCIES.

Close co-operation exists with the Health Committee, the S.S.P.C.C. and Miss Sinclair, Children's Officer for the Lothians, in regard to child welfare.

Child guidance clinics and speech centres are made use of as occasion demands. East Lothian is fortunate in having an endowed trust, called the East Lothian Trust, which contributes valuably to the needs of our school children.

(F) CO-OPERATION WITH TEACHERS AND PARENTS.

The arrangements for School Medical Inspection are:—

1. Notification to parents of the date of systematic inspections. The following duties are carried out by head teachers and it will be seen that (a) specially refers to notification of systematic inspection:—

*Duties of Head Teachers.*

- (a) It will be the duty of the head teacher to cause a copy of form "Inspection Notice to Parent" to be completed and forwarded to the parent or guardian of any child to be examined at the systematic inspection.
- (b) To cause a medical card to be filled in with name, address, and date of birth for each child who becomes a pupil in the school of which he or she is head teacher.
- (c) To apply to the School Medical Officer for medical cards and form "Inspection Notice to Parent," when required.

The County Council bear the expense of the Medical Examination.

2. For the purpose of securing the proper medical inspection of the pupils for whom it is their duty to provide such inspection, an education authority may require the parent of any pupil in attendance at any such school to submit the pupil for medical inspection in accordance with arrangements made by the authority, and any person who fails without reasonable excuse to comply with any such requirement shall be liable on conviction by a

court of summary jurisdiction to a fine not exceeding five pounds, under Section 51, sub-section 2. Education (Scotland) Act, 1946.

Where, however, neglect is suspected or where contamination may have resulted from contact with a neglected child, the County Council have empowered the School Medical Officer to act under Section 122 (1) of the Children's Act, 1908. and amending Acts.

3. Medical inspection is carried out with privacy. To aid this requirement a screen was supplied in each school.

Teachers are encouraged to draw the attention of the Medical Officers and School Nurses to any abnormality in any of their pupils and prompt attention is given to any communications from teachers to the Chief or Assistant Medical Officers and nurses.

#### 4.—FINDINGS AT MEDICAL INSPECTION

TABLE I.

Total number of children examined at:—

	(A) Systematic Examina- tions :—		Other Systematic Examina- tions :—
	<i>Boys.</i>	<i>Girls.</i>	
Entrants	468	423	14
Group 2	368	347	12
„ 3	383	362	8
„ 4	357	352	9
„ 5	351	348	2
„ 6	237	194	2
„ 7	117	128	3
„ 8	49	21	—
„ 9	20	12	1
„ 10	1	5	1
	<hr/> 2351	<hr/> 2192	<hr/> 52

## (B) Other Examinations:—

Special Cases	34
Re-inspections by Medical Officer	31
	—
	65

Number of *individual* children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanness and dental caries):—

Entrants	339
Group 2	280
„ 3	223
„ 4	214
„ 5	153
„ 6	107
„ 7	82
„ 8	17
„ 9	5
„ 10	2
	—
	1422

## AVERAGE HEIGHTS AND WEIGHTS.

Boys.				Girls.		
Age Group.	Average Age.	Average Height in inches	Average Weight in pounds.	Average Age.	Average Height in inches.	Average Weight in pounds.
1	5 $\frac{5}{12}$	43.4	44.9	5 $\frac{5}{12}$	42.9	43.1
2	7 $\frac{4}{12}$	47.6	53.7	7 $\frac{4}{12}$	47.1	51.9
3	9 $\frac{4}{12}$	52.1	64.4	9 $\frac{4}{12}$	51.4	68.7
4	11 $\frac{4}{12}$	55.3	77.6	11 $\frac{4}{12}$	55.6	77.8
5	13 $\frac{1}{12}$	59.0	91.6	13 $\frac{1}{12}$	59.8	96.8
6	14 $\frac{6}{12}$	62.3	106.7	14 $\frac{6}{12}$	61.8	109.4
7	15 $\frac{1}{12}$	64.0	114.5	15 $\frac{1}{12}$	62.3	117.6
8	16 $\frac{4}{12}$	67.4	117.0	16 $\frac{2}{12}$	63.7	122.6
9	17 $\frac{3}{12}$	69.3	143.9	17 $\frac{2}{12}$	62.5	124.8
10	18 $\frac{2}{12}$	65.5	133.5	18 $\frac{1}{12}$	64.5	135.8

Group (1) consists of children of 5 years only.  
No entrants are included if of another age.

TABLE II.  
DEFECTS NOTED AT ROUTINE MONTHLY  
SCHOOL CLEANLINESS INSPECTIONS.

DEFECT,	Number of Defects Reported	Treated and Cured	Treated and Improved	Still under Treatment	Treatment by School Service refused
Clothing—					
Insufficient .. .. .	96	65	30	1	...
In need of repair ..	143	92	47	4	...
Dirty .. .. .	154	72	74	8	..
Footgear—					
Unsatisfactory .. ..	134	89	40	5	..
Cleanliness of Head—					
Dirty .. .. .	242	122	62	52	
Verminous .. .. .	200	162	25	13	...
Cleanliness of Body—					
Dirty .. .. .	32	17	13	2	...
	1001	619	297	85	.

TABLE

DEFECT.	ENTRANTS +5 years		7		9		11		13	
	B.	G.	B.	G.	B.	G.	B.	G.	B.	G.
4. SKIN (a) HEAD										
Ringworm ...	...	...	...	...	...	...	...	...	...	...
Impetigo ...	...	...	...	...	...	...	...	...	...	...
Other Diseases ...	3	2	3	2	1	2	1	2	5	5
(b) BODY										
Ringworm ...	1	...	...	1	...	...	...	...	...	...
Impetigo ...	...	...	...	1	...	...	...	...	...	...
Scabies ...	...	1	...	...	1	...	1	...	1	...
Other Diseases ...	6	2	6	8	5	2	3	4	3	4
5. NUTRITION.										
Defective ...	3	7	7	4	5	1	3	3	...	1
Bad ...	...	...	...	...	...	...	...	...	...	...
6 MOUTH AND TEETH.	33	17	29	31	29	12	15	7	9	3
7. NOSE AND PHARYNX.										
(a) NOSE										
i Obstruction ...	9	3	2	...	2	...	...	1	...	...
ii „ (Adenoids) ...	20	12	6	12	3	5	6	4	3	1
iii Other Conditions ...	2	2	...	...	2	4	...	2	1	...
(b) THROAT										
i Tonsils (observation) ...	42	34	35	34	31	24	11	14	12	15
ii „ (operation) ...	65	56	20	37	12	19	13	24	5	6
(c) GLANDS										
i Observation ...	19	10	10	5	8	3	4	2	...	1
ii Operation ...	...	...	...	...	...	...	...	...	...	...
8. EYES.										
(a) EXTERNAL DISEASES										
Blepharitis ...	3	2	2	...	2	...	2	3	3	...
Conjunctivitis ...	...	...	1	1	...	...	1	...	...	...
Corneal Opacities ...	...	...	...	...	...	...	...	...	...	...
Strabismus ...	7	11	10	4	6	8	5	2	1	5
Other Diseases ...	1	...	1	2	...	2	4	1	...	4
(b) Visual Acuity (Recommended for Refraction)	8	14	29	31	30	40	31	41	27	32
9 EARS.										
(a) DISEASES										
Otorrhœa ...	3	1	4	4	4	2	3	1	5	1
Other Diseases ...	...	3	3	...	2	4	1	4	5	1
(b) DEFECTIVE HEARING										
Grade 1 ...	3	1	2	5	2	1	1	2	1	...
„ 2 ...	...	...	...	...	...	...	...	...	...	...
„ 3 ...	...	...	...	...	...	...	...	...	...	...
„ 4 ...	...	...	...	...	...	...	...	...	...	...
„ 5 ...	...	...	...	...	...	...	...	...	...	...
10. SPEECH.										
Defective Articulation ...	2	2	...	2	4	1	4	1	1	1
Stammering ...	2	...	...	...	1	...	...	...	...	...

118.

14		15		16		17		18		TOTAL	Per Cent
B.	G.	B.	G.	B.	G.	B.	G.	B.	G.		
..	...	...	..	...	...	...	..	...	...	2	0·04
4	6	3	11	1	...	...	1	...	...	52	1·14
...	...	...	...	...	..	...	...	...	...	2	0·04
...	...	...	...	...	.	...	...	...	...	1	0·02
6	2	1	1	1	1	1	...	...	...	4	0·09
...	...	...	...	...	...	...	...	...	...	56	1·23
2	1	1	...	...	...	...	...	...	...	38	0·83
...	..	...	...	...	...	...	...	...	...	...	...
5	5	1	3	...	...	1	...	...	...	200	4·40
...	...	1	1	...	...	...	...	...	...	19	0·41
...	1	1	2	...	...	...	...	...	...	76	1·67
1	...	...	..	...	...	...	..	...	...	14	0·31
7	7	2	...	...	...	...	...	...	...	268	5·90
2	4	..	4	2	...	..	...	..	...	269	5·92
1	...	...	...	...	...	...	...	...	...	63	1·38
...	...	...	...	...	...	...	...	...	...	..	...
2	1	...	...	...	...	...	...	...	..	20	0·44
...	...	...	1	..	...	...	...	...	...	4	0·09
...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	1	...	...	...	...	...	...	61	1·35
3	1	...	...	1	...	...	..	...	..	20	0·44
16	13	11	12	3	4	2	..	...	...	344	7·57
2	3	2	1	...	...	..	..	...	...	36	0·79
1	1	3	1	..	..	...	..	...	...	29	0·60
1	2	1	..	...	...	...	...	...	...	22	0·48
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
1	1	...	1	...	...	..	..	...	...	21	0·46
1	1	1	...	...	...	..	..	...	...	6	0·13

TABLE

DEFECT.	ENTRANTS +5 years		7		9		11		13	
	B.	G.	B.	G.	B.	G.	B.	G.	B.	G.
11. MENTAL AND NERVOUS CONDITIONS										
(a) Backward ...	...	...	4	2	...	...	3	2	...	1
(b) Dull ...	2	...	...	...	...	...	...	...	...	...
(c) Men. Defect. Educ. ...	...	...	...	...	...	...	...	...	...	...
(d) " " Ineduc. ...	...	...	...	...	...	...	...	...	...	...
(e) Nervous or Unstable ...	1	2	...	1	1	...	...	...	...	...
(f) Difficult ...	...	...	...	...	...	...	...	...	1	...
12. CIRCULATORY SYSTEM.										
(a) ORGANIC										
Congenital ...	...	2	4	1	2	2	1	1	...	1
Acquired ..	...	1	...	...	...	1	...	1	...	...
(b) Functional	...	...	2	...	...	1	1	1	...	1
13 LUNGS.										
Chronic Bronchitis ...	2	...	2	...	...	...	...	...	1	...
Suspected P.T.B. ...	...	1	2	...	...	...	...	...	...	...
Other Diseases ...	4	3	3	...	2	4	4	1	3	1
14 DEFORMITIES.										
(a) Congenital ...	...	1	1	...	...	...	2	2	1	...
(b) Acquired I. P. ...	...	...	1	...	...	...	1	1	...	...
(c) Acquired Rickets ...	13	4	1	2	1	...	1	1	1	2
(d) Acquired other conditions	21	19	18	13	14	9	12	5	6	12
15. INFECTIOUS DISEASES	...	1	...	...	...	...	...	...	...	...
16. OTHER DISEASES	16	13	11	11	11	10	11	7	4	6



II B. (Continued).

14		15		16		17		18		TOTAL	Per Cent.
B.	G.	B.	G.	B.	G.	B.	G.	B.	G.		
1	...	...	...	...	...	...	...	...	...	13	0.28
...	...	...	...	...	...	...	...	...	...	2	0.04
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	5	0.11
...	...	...	...	...	...	...	...	...	...	...	...
1	1	...	1	...	1	...	...	...	...	18	0.39
2	...	...	...	...	...	...	...	...	...	5	0.11
..	2	...	...	...	1	...	..	...	...	9	0.19
..	...	...	...	1	...	...	...	...	...	6	0.13
...	...	...	...	...	1	...	...	...	...	4	0.09
...	...	1	...	...	...	...	...	...	...	26	0.57
2	...	...	...	...	...	...	...	...	1	10	0.22
...	1	...	...	...	...	...	...	...	...	4	0.09
...	...	...	1	...	...	...	...	...	...	27	0.59
1	9	1	12	...	4	...	...	...	1	157	3.43
...	...	...	...	...	...	...	...	...	...	1	0.02
1	5	...	3	...	3	...	...	...	...	112	2.46

TABLE III.  
SYSTEMATIC MEDICAL EXAMINATIONS.

*See Appended Sheet, Page 23.*

TABLE IV.  
RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL  
AGE IN THE AREA.

Disability.	At ordinary schools.	At special schools or classes.	At no school or institu- tion.	Total
1. Blind ... ..		1		1
2. Partially sighted—				
(a) Refractive errors in which the curricu- lum of an ordinary school would ad- versely affect the eye condition ... ..		—		—
(b) Other conditions of the eye, e.g. catar- act, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school ... ..		—		—
3. Deaf—				
Grade I ... ..		—		—
Grade IIa ... ..				
Grade IIb ... ..				
Grade III ... ..		3		3
4. Defective speech—				
(a) Defects of articula- tion requiring special educational measures ... ..		—		—

	At ordinary schools.	At special schools or classes.	At no school or institu- tion.	Total.
(b) Stammering requiring special educational measures ...	6	—	—	6
5. Mentally defective— (Children between 5 and 16 years)—				
(a) Educable (I.Q. approx. 50-70) ...	—	65	—	65
(b) Ineducable (I.Q. generally less than 50) ...	—	10	—	10
6. Epilepsy—				
(a) Mild and occasional	1	—	—	1
(b) Severe (suitable for care in a residential school) ...	—	—	—	—
7. Physically defective (Children between 5 and 16 years)—				
(a) Non - pulmonary tuberculosis (excluding cervical glands) ...	7	—	—	7
(b) General orthopædic conditions ...	683	—	—	683
(c) Organic heart disease ...	23	—	—	23
(d) Other causes of ill-health ...	—	—	—	—
8. Multiple defects—				
(a) ...	—	—	—	—
(b) ...	—	—	—	—

## 5.—MEDICAL TREATMENT.

### (A) MINOR AILMENTS.

#### (1) CUTS, BRUISES, SPRAINS, ETC.

At each of the schools in the area there is kept under the care of the Headteacher a first-aid box, which is replenished after use, on application on the appropriate form by the Headteacher. The School Clinics also undertake this work and any diseases of the eyes other than vision, such as blepharitis, conjunctivitis, minor foreign bodies, e.g., grit, cinders, etc., are dealt with by the School Medical Officers and the trained nurses. In all 3261 cases were undertaken during the year.

#### (2) DISEASES OF THE EAR.

The consultant Ear, Nose, and Throat Specialist appointed sees all cases presented to him and undertakes treatment where necessary, if parental consent is obtained therefor. During the year 258 cases were examined and treatment prescribed where necessary.

#### (3) DISEASES OF THE SKIN.

Genuine skin diseases, such as ringworm, are treated by arrangement with the Skin Department, Royal Infirmary, Edinburgh. One case was sent for X-ray treatment to the Royal Infirmary. Contagious skin diseases are dealt with at the School Clinics, if early and mild, and this year 39 cases of scabies and 18 cases of impetigo had attention.

## (B) REPORT OF OPHTHALMIC EXAMINATION OF SCHOOL CHILDREN.

During the year 19 clinics were held, at which 199 new cases and 166 old or re-examination cases were seen, making a total of 365 cases. Of this number 359 were refractions, the remaining 6 being—2 obstructed tear ducts and 4 of external disease.

Glasses were prescribed in 77 new cases and 87 old cases.

No child with serious eye disease nor serious visual defect nor high myopia was seen during the year. Six cases of squint were operated upon, all with excellent results.

The average visual acuity is well above standard. This fact, and the notable lack of serious eye defects in the children in general is considered to be largely due to the many excellent facilities in the country for adequate ante and post-natal care of mother and child.

	Total	Refractions	Hyper- metropia	Myopia	Emmet- ropia	Mixed Astigmatism	Squints	Glasses Prescribed
New—	199	196	124	31	37	3	20	77
Old—	166	163	122	24	11	7	43	87

There were no cases of visual acuity 6/18 or worse in better eye.

## (C) NOSE AND THROAT OPERATIVE TREATMENT.

Owing to the transfer of this function to the Regional Hospital Board, we were no longer able to undertake this work. It was apparently decided by the Medical Officers of the Regional Hospital Board that, owing to the prevalence of Poliomyelitis, tonsillectomy operations were inadvisable, so none have been carried out so far. I regard the interruption of the tonsil sessions as much more serious to the children requiring it, than the faint risk that any would contract poliomyelitis, of which there were only 7 cases during the year.

## (D) ORTHOPÆDIC AND POSTURAL DEFECTS.

## PHYSICALLY DEFECTIVE CHILDREN.

The orthopædic treatment of school children at Princess Margaret Rose Hospital, Fairmilehead, was continued by the County Council, 46 children being under treatment during the year. Two part-time orthopædic surgeons and two whole-time physiotherapists are employed by the County Council. Clinics are now established at the following centres, and the numbers attending were:—

Haddington	66
Dunbar	65
Pencaitland	25
Ormiston	63
Prestonpans	123
Tranent	96
North Berwick	73
East Linton	20
Gullane	28
Aberlady	13
Longniddry	29
	<hr/> 601

In addition patients were treated in their own homes.

## SCHOOL DENTAL SERVICE.

RECORD OF WORK FROM 1ST AUGUST 1949—31ST JULY 1950.

Special and  
Emergency.

	Routine.	Cases.	Totals.
No. of children inspected ... ..	2846	154	3000
„ „ „ requiring treatment	1764	150	1914
„ „ „ actually treated ... ..	1550	143	1693
„ „ attendances made ... ..	2528	100	2628
„ „ Fillings (Permanent teeth)	899	1	900
„ „ Fillings (Temporary teeth)	32	8	40
<i>No. of Extractions:—</i>			
(a) Permanent teeth—for caries ... ..	208	28	236
(b) Permanent teeth—for regulation purposes	92	—	92
(c) Temporary teeth ... ..	1679	139	1818
„ „ general anæsthetics ... ..	380	8	388
„ „ local anæsthetics ... ..	771	73	844
„ „ other operations (Per- manent teeth) ... ..	1200	15	1215
„ „ other operations (temporary teeth) ... ..	656	41	697
„ „ Sealings and gum treat- ments ... ..	167	—	167
„ „ Inspection Sessions ... ..	56	5	61
„ „ Treatment Sessions ... ..	535	37	572
„ „ Schools visited ... ..	20	5	25
„ „ Dentures fitted ... ..	8	—	8
„ „ X-ray cases ... ..	11	—	11

*Pre-School Children.*

88 children were inspected.

61 children required and received treatment.

*Nursing Mothers.*

3 cases received treatment.

*Tuberculosis Case.*

1 case received treatment.

*Orthodontic Cases.*

These cases now receive treatment at Edinburgh Dental Hospital, owing to shortage of staff in the County Dental Service.

There is an increase of 9% in the number of children accepting treatment.

- (a) Total number of whole-time Dental Officers employed under the Authority's School Health Service—1.
  - (b) Total number of part-time Dentists employed—Nil.
  - (c) Approximate equivalent as whole-time School Dental Officers of the part-time appointments referred to above in (b)—Nil.
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### ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE.

Secondary Schools compete in rugby, hockey, tennis and cricket with neighbouring secondary schools and with other schools in Edinburgh and the adjacent counties. Even Elementary Schools have their athletic association.

The County contains no less than 14 first-class golf courses. School camps have now found a definite place in the educational curriculum at Middleton Camp, Gorebridge, where batches of pupils spent part of their summer holidays in camp huts.

Regular talks on hygiene are given by Physical Instructresses.







TABLE III.  
SYSTEMATIC MEDICAL EXAMINATIONS.

Classification		Entrants		7 years		9 years		11 years		13 years		14 years		15 years		16 years		17 years		18 years		Total.		
		No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group			
I.	Children free from defects	TOTAL	552	61.06 p.c.	435	50.84 p.c.	522	70.07 p.c.	495	69.32 p.c.	546	78.11 p.c.	314	75.18 p.c.	163	66.53 p.c.	53	75.72 p.c.	27	84.37 p.c.	4	66.66 p.c.	3121	58.70 p.c.
II.	Children (otherwise free from defects) who suffer from—																							
	(a) Defective vision not worse than 6/12 in the better eye with or without glasses; or		12	1.34 p.c.	38	5.32 p.c.	44	5.91 p.c.	52	7.33 p.c.	44	6.30 p.c.	22	5.10 p.c.	20	8.16 p.c.	4	5.71 p.c.	1	3.13 p.c.	—	—	237	5.21 p.c.
	(b) Conditions of the mouth and teeth requiring treatment		89	4.33 p.c.	43	6.01 p.c.	25	3.35 p.c.	17	2.40 p.c.	7	1.00 p.c.	10	2.32 p.c.	4	1.63 p.c.	—	—	1	3.13 p.c.	—	—	146	3.21 p.c.
	(c) Both (a) and (b)				5	0.70 p.c.	7	0.94 p.c.			2	0.28 p.c.										14	0.31 p.c.	
	TOTAL		51	5.72 p.c.	86	12.03 p.c.	76	10.20 p.c.	69	9.73 p.c.	53	7.58 p.c.	32	7.42 p.c.	24	9.79 p.c.	4	5.71 p.c.	2	6.26 p.c.	—	—	397	8.74 p.c.
III.	Children suffering from ailments (other than those mentioned in II.) from which complete recovery is anticipated within a few weeks	TOTAL	165	18.52 p.c.	81	11.33 p.c.	53	7.79 p.c.	57	8.04 p.c.	34	4.87 p.c.	25	5.80 p.c.	10	4.09 p.c.	4	5.71 p.c.	3	9.37 p.c.	—	—	437	9.62 p.c.
IV.	Children suffering from (or suspected to be suffering from) defects less retenable than defects specified in II. or III., distinguishing cases—																							
	(a) Where complete cure or restoration of function (in the case of eye defect, full correction is considered possible);		116	13.02 p.c.	107	14.86 p.c.	81	10.87 p.c.	72	10.15 p.c.	58	8.30 p.c.	39	9.05 p.c.	39	15.22 p.c.	9	12.56 p.c.	—	—	1	16.67 p.c.	522	11.49 p.c.
	(b) Where improvement only is considered possible, e.g. without complete restoration of function		7	0.78 p.c.	6	0.84 p.c.	8	1.07 p.c.	14	2.26 p.c.	8	1.14 p.c.	11	2.55 p.c.	9	3.67 p.c.	—	—	—	—	1	16.67 p.c.	66	1.45 p.c.
	TOTAL		123	13.80 p.c.	113	15.80 p.c.	89	11.94 p.c.	83	12.41 p.c.	66	9.44 p.c.	50	11.60 p.c.	48	19.59 p.c.	9	12.86 p.c.	—	—	2	33.34 p.c.	588	12.94 p.c.
Total number of children examined			891	100 p.c.	715	100 p.c.	745	100 p.c.	709	100 p.c.	699	100 p.c.	431	100 p.c.	245	100 p.c.	701	100 p.c.	32	100 p.c.	6	100 p.c.	4543	100 p.c.





